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The Gardner Nursery Co.

Osage, Iowa.

Catalog

A DRIVEWAY IN OUR NURSERY PARK.

LIBRARY

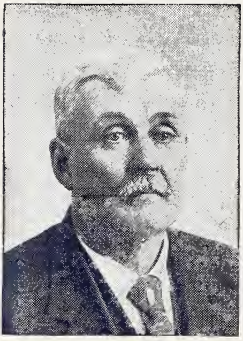
R. CHARLES F. GARDNER PICKING EVERBEARING STRAWBERRIES ON JULY 31ST.

Hardy Blizzard Belt Trees, Plants and Vines

LOWER ENTRANCE TO OUR NURSERY PARK.

Greetings

IF YOU are not already acquainted with us we want to grasp your hand across the miles, and through this little booklet introduce you to THE GARDNER NURSERY COMPANY, of Osage, Iowa, and to our HARDY "BLIZZARD BELT" nursery stock. We are Gardners by name and gardeners by occupation. We grow HARDY TREES AND PLANTS. That is our business. We have been at it for over forty years and are proud of our record. We expect to continue growing ***hardy*** nursery stock for another forty years, and may be longer. We are planning and working towards this end.



OUR President, MR. CHAS. F. GARDNER, was one of the pioneers in the tree business in the middle west. He has always been closely identified with the horticultural interests of the west, and was president of both the Iowa State and the Northeastern Iowa Horticultural Societies for three years in succession, and is at the present time an officer in both of these societies, besides being a life member in several societies in other states. He is the active president of our company and devotes his whole time to the business.

We try to please every customer, and our employees are instructed to always give our customers' interest preference over ours. Sometimes this costs money, but it always gains friends.

OUR MR. C. E. GARDNER, who has grown up in the business, has general charge of the various departments, and with a corps of competent assistants is able to take care of our rapidly growing trade in a way that has proved to be very satisfactory to our customers.

OUR LOCATION. Is in the Blizzard Belt of northern Iowa, about 15 miles from the Minnesota State line, and where the thermometer gets down to from 30 to 40° below zero during the winter months. In summer we have the other extreme with long hot, dry spells.

TERMS. Cash with order or pay at express office or bank on arrival of stock in good condition. While we exercise the greatest of care to have our stock true to name, it is mutually agreed that we are not responsible to a greater amount than the original price paid for any of the stock that might prove to be untrue. It is understood and agreed between purchaser and ourselves that all stock bought from us is sold under the terms as above stated.

KEY TO HARDINESS. Varieties with (ABC) following name are suitable for planting in all parts of the United States. Varieties with (BC) following name are suitable for planting everywhere, except in Extreme Northern States, such as Dakotas, Minnesota, Northern Iowa, Wisconsin, Etc. Varieties with (C) following the name are suitable for planting only in Extreme Southern and Pacific Coast States.

Southern planters may choose from all varieties listed. Planters from Central States should make their choice from those keyed (BC). Northern planters and those living in high altitudes should choose only varieties with (ABC) following name, for example:

WEALTHY APPLE (ABC)—Succeeds everywhere.

PEACHES (BC)—For Middle and Southern States.

SWEET CHERRIES (C)—Southern and Pacific Coast States.

Will You Take an Auto Ride with Me Through Our Nurseries?

A Little Visit With Our President

BEFORE starting on our ride we will step into the office for a little visit. It will not take long for us to become acquainted, for horticulture is a calling that quickly brings people together. After changing a few personal experiences we will feel as if we had known each other for years instead of but a few minutes.

While we are here in the offices we will step into our fire proof vault, where we keep our records, mailing lists, etc. In our main office rooms there are desks and working room for thirty-five people and during the busy season it is all occupied.

Passing through our office rooms we come to our private print shop, one of the best equipped plants in the west.

At back of offices are our packing sheds and storage cellars where we can handle our Hardy "Blizzard Belt" trees and plants safely regardless of outside weather conditions.

Coming out to the front entrance we get into the Auto and photo numbered one shows the view we see. In photo numbered two, we are just making the turn at lower end of main driveway and from here we pass along a beautiful arbor vitæ hedge and finally come to our main Nursery Grounds where our young stock is grown.

No. 1—Main Drivweay

No. 2—Here We Are

In Photo No. 3, we see beds of rhubarb and other garden roots by the hundreds of thousands. Passing on across the road we stop and the camera man makes a permanent record of what we see in Photo No. 4, below.

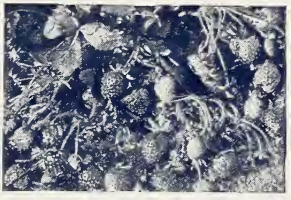
Here are beds of asparagus and forest tree seedlings, all of which we grow large quantities annually. Going on down the road we pass blocks of cherry, apple, pear and plum trees.

No. 3—Beds of Rhubarb, Etc.

No. 4—Apple and Forest Tree

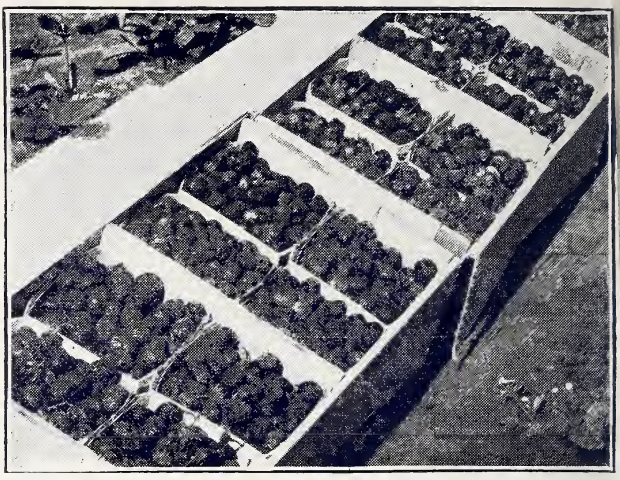
And then we see a remarkable sight (Photo No. 5). A force of young people *picking ripe strawberries*. We hurridly look at our pocket calendar and find that the date is Aug. 16. Are we asleep, or dreaming?

No. 5.—Picking Ripe Strawberries on Aug. 16th



No. 6.—Specimen Plant Photo Taken Oct. 27th

Right here before our eyes are large fields of Summer and Fall Bearing Strawberries in full fruting. The plants were set in spring



If you set our Everbe ring Strawberry plants this spring you can be picking berries like shown above by first part of August. Photo taken July 31st.

of this same year and commence fruiting early in August and will continue until stopped by severe freezing weather in fall. We have been at work breeding this new race of Everbearers for several years and have many new varieties of our own originating.

From Photo No. 6 you can see something of how heavily these Everbearers fruit. Not simply here and there a berry, but loads upon loads of them. I see a great future for this type of strawberry and when I get to talking and working among them I am so interested that I lose all track of time.

Fortunes are being made by wide awake people who are getting an early start in growing these wonderful berries for market. Not only do the old plants fruit the first year, but many of the new runners also commence fruiting when from four to six weeks old. They are extra hardy and ordinary frost does not injure them in the least.

To The Doubting Thomases.—There are many people who have not seen this new race of strawberries fruiting, who will read this booklet and then take the attitude of the young man who stood looking at the giraffe in the circus tent, after looking and looking he turned away and was heard to mutter "there ain't no such animal."

Now we have all respect for the honest doubter and we make a standing offer to pay all expenses of a visit to our nurseries any time during the months of August, September or October, provided that we cannot show acres of plants in full fruiting and prove to their satisfaction that this new race of strawberries is the success we claim for it.

History of the Everbearing Strawberries

FOR a number of years we had been experimenting with EVERBEARING STRAWBERRIES and had searched the world over for plants of this type. We had spent hundreds of dollars for seeds and plants from France, England and other foreign countries. Finally we found the solution to the problem right here at home.

Mr. Samuel Cooper, of good "Old York State" deserves the honor of discovering the first real successful EVERBEARING STRAWBERRY. This variety he has named the Pan-American and his own account of the finding of this wonderful variety is as follows:

"The first Pan-American strawberry was found by me in fall of 1898, growing in a row of Bismark plants set the previous spring. This plant had made sixteen runners all of which had either ripe, green fruit or blossoms. The old plant was heavily laden with fruit. It is undoubtedly a sport or bud variation of the Bismark."

Dame Nature did a wonderful work when she produced this everbearing sport as described by Mr. Cooper. Not so much in the

Our President, Mr. Charles F. Gardner at work in our Everbearing Strawberry breeding grounds. Photo taken in early summer.

value of the one variety as in breaking up the regular strawberry habit of fruiting but once a year. Mere man might labor a lifetime, planting hundreds of bushels of strawberry seed and never produce a single everbearing plant of any value. But in producing the sport or bud variation which Mr. Cooper has named the Pan-American, Dame Nature did the work well, and by taking advantage of her assistance we have carried the everbearing feature of the Pan-American on to its seedlings and this new race of true EVERBEARING STRAWBERRIES is the result.

So, starting with the original *Pan-American* for a base we have been very succeessfully breeding this wonderful type of fruit for the past seven years. During that time we have made thousands of crosses and grown and fruited hundreds of thousands of hybrid plants. From this large number we have, from time to time, carefully selected those plants showing the best qualities as to plant growth, size, color and flavor of fruit, etc. We have now in the new varieties of our own origination every type in shape, size, color, of the common once a year fruiting sorts. The difference being that our new Everbearers produce a good crop of fruit in summer and fall of same year the plants are set. That is, if you set the plants in spring, you will have ripe berries all through August, September and up to severe freezing weather, of the same year. Then you cover with mulch, the same as any common strawberries. In spring remove the mulch from over the plants and you will get an extra large crop of berries that will start to ripen a little earlier than the regular strawberry season. In our experience this first crop of second year is much larger than that borne by any of the common, once a year fruiting varieties. After this large crop matures, the plants will start fruiting again and continue until stopped by severe freezing weather in late fall. If desired, the extra heavy crop of berries that usually ripen in regular strawberry season, can be made to ripen just after common strawberries are gone. This is done by picking off the first crop of fruit stems. If this is done the plants will start at once to throw up more fruit stems, If any thing thicker than they were before and the berries will then commence to ripen just as the common, once a year fruiting sorts are gone.

The most of our new varieties we do not offer for sale as yet, but will name and introduce them from time to time as we can grow enough plants to supply the demand there is sure to be for them.

In going over our fields to select varieties to list in this catalogue we have selected only those sorts that we are sure will succeed and give satisfaction and all are sold under our guarantee to reach

A box of $1000.00 sorts, Everbearing Strawberries, You can pick berries like these all through summer and fall of first year plants are set.

you in good thrifty growing condition. Some of these varieties are of our own origination and others are of the commercial Everbearing sorts. As far as we know all are descendents of the original Pan-American.

What returns you may expect the first summer from a rod square of ground, set to these wonderful Everbearing Strawberry plants.

On a test patch of just a rod square of ground set in May, 1914, Mr. Wedge picked 74¾ qaurts of berries. First picking began on July 23rd, just 83 days after plants were set. He continued picking up to latter part of October, or about 90 days, and ended up with the plants in best of condition to produce a full crop of berries at regular strawberry season and then continue to fruit again all through the summer and fall months.

The yield of fruit from this test patch of but a square rod of ground, if sold at only 20 cents a quart, would bring returns of $14.95. Multiplying this by 160 and you will find that an acre of ground would bring a total of $2392.00. This sum would buy any ordinary acre of ground, pay for the plants and setting, care, picking and marketing, and still leave a good big profit and all out of the first summer's sales, the time that ordinary strawberries are bringing in no income at all.

Varieties and Prices

SUPERB.—A strong staminate variety. Berries large to extra large; fine, glossy red; firm flesh, with strong strawberry flavor, containing but little acid. Plant a strong, robust grower, making runners freely. Very hardy, withstanding hard frosts without injury to blossoms or fruit. Will bear a good crop of fruit in summer and fall of first year. We advise picking blossom stems but twice on this variety. Pick the first crop of fruit stems as soon as they come out after the plants are set and then go over them again about two weeks later. Then let them come on and fruit all they wish to and you will begin to pick ripe berries along the middle or latter part of July and continue until extra cold weather stops them along the first part of November. The next spring they will bear an ex-

A section of our Trial Grounds where we are testing over 100 varieties of Everbearing Strawberries.

tra large crop of fine berries at regular strawberry time and continue to fruit until cold weather again stops them in late fall.

Prices: Per dozen, $1.00; per 100, $5.00; per 1000, $30.00.

PROGRESSIVE. — Strong staminate blossoms; good plant maker and fruits continuously. Extra good about fruiting heavily on new runners the first summer and fall. Berry rather long shape; fine, dark color and good quality. Its extra firmness makes it a good shipper. This variety has well been called the Dunlap of the Everbearers. It is certainly a good variety and worthy of a place in every garden. Plants are scarce as yet.

Prices: Per dozen, $1.00; per 100, $5.00; per 1000, $40.00.

AMERICUS. — Another staminate variety of merit. Plant medium size and makes runners freely. Fruit stems long and stick up above the leaves, holding the fruit up off the ground. Bears a good crop of fruit during summer and fall of first year set, with a big crop the next year at strawberry time. Also a good summer and fall fruiter the second year. Berries are medium to large, very firm, good color and flavor. This variety is one of the best known of the Everbearing strawberries and is giving splendid satisfaction wherever grown.

Prices: Per dozen, $1.00; per 100, $5.00; per 1000, $25.00.

PAN-AMERICAN HYBRIDS.—These plants are all new varieties not yet named. They have been selected from thousands of seedlings, bred and cross bred from the very best of the Everbearing Strawberries. They are all good summer and fall fruiters, Berries medium to large, running largely to dark colors, with extra good flavors. From same line of breeding as the $1000.00 sorts, only not so far along in testing. Prices: Per doz., $2.50; per 100, $8.00.

$1000.00 VARIETIES,—We have several new varieties of Everbearing Strawberries that we would not sell the entire stock of any one of them for a thousand dollars. These varieties are not yet named and are the results of years of careful, scientific breeding. They have been selected from thousands of others and are the very latest thing in Everbearing Strawberries. They are very heavy fruiters, many bearing from five to ten berries to one on the common sorts. Fruit all large size, good color and selected especially with regards to high quality in flavor. We have but a few of these plants to offer this year and will only sell them to parties who will agree not to sell or otherwise dispose of any of the plants or runners for the next two years.

Prices: Each, $1.00; per dozen, $8.00; per 100, $50.00.

Photo taken May 1st and shows our Trial Grounds covered with snow. Our Mr. C. F. Gardner digging under snow. He found blossoms uninjured.

ONWARD — ADVANCE — FORWARD.— Three of Mr. Cooper's new introductions. All three varieties resemble the Superb somewhat in shape, size and color of fruit. They are very valuable varieties and will be generally planted as soon as they can be propagated in quantities. We can supply a few plants of each for testing at $1.00 each, or $8.00 per dozen.

PRODUCTIVE.— Another of Mr. Cooper's introductions. Pistilate blossoms; Strong plant maker, with fruit of large size and good quality.

Prices: Per dozen, $1.00; per 100, $5.00; per 1000, $40.00.

TRIAL GROUNDS.—We have several acres of land devoted to the trying out and testing of new varieties of the Everbearing Strawberries. On these trial grounds we have every variety that we have offered for sale, besides a number that have been sent to us under restriction, for testing. We are thus in position to know, first handed, just what is being done by other parties in the work of breeding and growing these new Everbearers. Our only regret is that there are not more people at work in the breeding end of the game. This is a big country and there is plenty of room for us all and it is our desire that more nurserymen and fruitgrowers should take up the work of helping to bring the Everbearing Strawberry up to the high standard its great merit deserves.

Common Strawberry Plants

OUR stock of regular commercial varieties of strawberries includes the best of the older tried sorts. Our plants are large and thrifty, well rooted and will grow and fruit abundantly with you. They are carefully tied in bunches of twenty-five plants and are fresh dug on day of shipment.

Prices for common June fruiting strawberry plants in varieties as listed below, as follows: Each, 5 cents; per 10, 25 cents; per 100, $1.50; per 1000, $8.00.

Common Commercial Varieties (all ABC)

Staminate or male varieties marked (S). Pistilate or female varieties (P).

Senator Dunlap (S)—The leading market berry.
King Edward (S)—Another good one. Fruit extra large size.
Uncle Jim (S)—A very heavy fruiter and a good fertilizer.
Warfield (P)—A good mate for Senator Dunlap.
Glen Mary (P)—A heavy plant maker and fruiter.
Norwood (S)—Extra large berry. A leader.

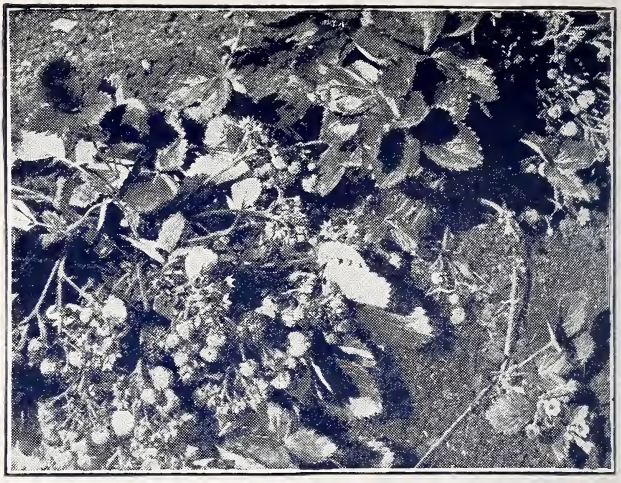
Visitors: Mr. John Andrews of Kimball's Dairy Farmer and Mr. C. F. Gardner in seat. Mr. Wm. G. Campbell of Fruit Grower and Farmer, standing. They are just headed for the Everbearing Strawberry fields.

Special Variety

GIANT (S)—The plants of this remarkable variety are veritable giants in size, with large, sturdy leaf stalks, often measuring over a foot in height. The root system is heavier than the common sorts, often going down into the soil to a distance of a foot and a quarter. This gets them down into the moist soil and enables the plants to produce a full crop of fruit in dry years, when common, surface rooted varieties fail. The berries of the Giant are very large, well shaped, finely colored, exquisitly flavored and borne in the greatest profusion. The fruit ripens medium early and bearing season extends over a period of from two to three weeks. The blossoms are strongly staminate (male) and need no other sort planted near them to insure fruitfulness. The Giant is the ideal home garden variety and also the ideal market berry, and stands in a class by itself. If you have a bed of The Giant you need no other kind of once a year fruiters. In fact, the common sorts seem small and common indeed, when growing by the side of this new race of giants. This summer a friend of ours was driving along the side of a field of Giants and asked if they were strawberry plants. The plants were so large he thought they must be some other kind of a plant and this in face of the fact that the season has been unusually dry with us. The special introductory prices on The Giant are very low, when the quality and value of this new race of plants is considered.

This photo-plate of a young GIANT plant shows something of leaf stalks and its wonderful root system. A sure drouth resister

Extra Strong Plants, 15 cents each; $1.25 per 10; $5.75 per 50; $10.00 per 100.



One of our $1000.00 varieties of Everbearing Strawberries. Photo taken July 31st. Note the heavy crop of fine berries. Also the new runner fruiting in lower right hand corner.

Blackberries (BC, also ABC if given winter Protection)

THIS excellent and profitable fruit is easily grown, and is a sure cropper each year, bringing in large returns as the fruit always brings a good price. Plants should be set in rows five feet apart, with plants three feet in the row. Give same care as required for raspberries.

	Each.	Per 10.	Per 100.
Strong plants,	$0.15	$0.60	$3.00

Snyder—The old standby for the north. Succeeds everywhere.

Trailing—This form of blackberry is a satisfactory one for the average planter. It makes a strong growth in vine form instead of straight, upright canes. It fruits very heavily and the berries are larger than the common blackberry. Very fine color and flavor and always sells well on the markets.

Raspberries

(BC, also ABC if given winter protection.)

COMING immediately after strawberries, when there is a dearth of other fresh fruit, raspberries are much sought after for planting in the garden and also in the field for market. They are easily cultivated and beds seldom require renewing. Their season of ripening is long and fruit always in demand. Plant in good soil and manure freely from time to time. Plant four feet apart each way. Cut out the old shoots each spring.

PRICES, except where noted:	Each.	Per 10.	Per 100.
Strong, well rooted plants	$0.15	$0.60	$3.00-

Red Varieties

St. Regis Everbearing—The "early to late" so extensively advertised. Each, $0.25; per 10, $1.50; 100, $5.00.

Crimson Beauty—Sometimes called Alton Improved, Iowa, Idaho Everbearing, etc. Extra large size fruit and a wonderful market variety. We consider it the best one we grow. Each, $0.25; per 10, $1.50; per 100, $5.00.

Loudon—Large, dark crimson, good quality, hardy.

King—One of the newer varieties of extreme merit. Extra hardy and fruit of fine size and quality.

Black and Yellow Varieties

Older—Fruit large, color black.

Golden Queen—Rich golden color, large size.

A young Progressive Everbearing Strawberry plant loaded with berries in August, only 90 days after planting.

Gooseberries (All ABC.)

THE GOOSEBERRY is being cultivated more extensively as its great value for home and market use is becoming known.

PRICES, except where noted:	Each.	Per 10.	Per 100.
Fine bushes	$0.35	$3.00	$15.00

Downing—Large size fruit, oval, greenish white.
Houghton's Seedling—Fruit large, color pale red; sweet.
Smith's Improved—Color when ripe a light green.
Carrie—A new variety originated in Minnesota. Strong, robust grower; fruits very heavily with us. Each 50c; per 10, $4.00

Currants

(All ABC.)

A PRACTICAL fruit grower says: "I make more from my two acres of currants year in and year out, than from any other two acres on my fruit farm." Ripening just before the raspberries, and continuing in prime order for several weeks, easy to ship and always bringing a good price, there is nothing more easily and more satisfactorily handled than the currant. Plant in rows four feet apart each way. Keep free from weeds and in a good state of fertility. Prune freely every spring. For worms use white hellebore applied with sprayer or whiskbroom.

	Each.	Per 10.	Per 100.
Strong bushes	$0.25	$2.00	$15.00

Victoria—Red. Bunches long, and berries of good size.
North Star—A thrifty grower; bunches large; red; one of the best.
Red Dutch—An old, well-known variety. Very productive.
Fay's Prolific—Berry and bunch very large. Color red.
Black Champion—Berry black; large and of excellent flavor.
White Grape—Berry large size, color white; sweet.

Grapes (BC also ABC if given winter protection)

THE grape vines we offer are extra strong ones, and will bear a good crop of fruit the second year after planting. The grape is the most healthful of fruits, and can be secured by every one who has a garden. It can be confined to a stake, bound to a trellis, trained over an arbor, and each year bear large clusters of fruit.

	Each.	Per 10.	Per 100.
Fine vines	$0.15	$1.00	$6.00

Moore's Early—This splendid grape succeeds in all parts of the country. Vine extra hardy. Fruit large size and much better flavored than the Concord. Each, 25; Per 10, $2.00.

Another section of our Trial Grounds where the new varieties of Everbearing Strawb ies are once a year fruiting varieties, only the Everbearing plants it is

Concord — Too well known to need description.
Worden — Resembles the Concord, but ripens earlier.
Agawam — Color dark red or maroon: bunches large.
Niagara — Color white; bunches large; fine for table use.
Pocklington — Color white with golden bloom. A good grower.
Beta — Extremely hardy, not needing winter protection even in the far north. Fruits heavily. Bunches are medium size and of good quality for so hardy a vine. Each, $0.50; per 10, $4.00; per 100, $30.00.

GARDEN ROOTS

Asparagus

THIS is the earliest and finest of the spring vegetables. It is very profitable to grow, both for home use and market, as a bed once established will remain in good condition for thirty years or more. Have ground in good condition, and place plants 8 inches apart in the row with rows 3 feet apart. Plant deep enough so that the crowns are covered with from two to three inches of mellow earth. Enrich and give dressing of 3 lbs. salt to sq. yd. each spring.

	Each.	Per 10.	Per 100.	Per 1000
PRICES, for Asparagus Plants;	$0.10	$0.50	$2.00	$10.00

Conover's Colossal (ABC) — Superior in size and quality.
Palmetto (ABC) — The best early variety grown.

Rhubarb (Pie Plant)

DESERVES to be ranked among the best early products of the garden. It affords the earliest material for pies and fresh table sauce, and continues long in use. Ground should be rich and deep. Plant four feet apart.

	Each.	Per 10.	Per 100.
PRICES, either variety:	$0.20	$1.50	$8.00

Myatt's Linnæus (ABC)—Early and very tender.
Early Scarlet (ABC)—Smaller than Myatt's.

ORCHARD FRUITS

Apples

THE KING OF FRUITS. There is no state or territory in which they can not be grown with success. Out of 150 varieties growing on our grounds we select only the following sorts which we can recommend for general planting, feeling sure that they will give the best satisfaction either for the commercial orchard or for the home garden. No farm should be without its orchard.

tested. Here may be found strawberries of every size, shape and color of common, ummer and fall instead of just at regular strawberry time.

We now propagate our apple trees by the Long Scion F. M. R, Method of Grafting as described below:

MAKING.—A scion about double the length of the ordinary graft is used, and instead of putting the root on the end of same, it is inserted about three inches from bottom. The cut in the scion extends only through the cambium layer and does not go into the heart, thus doing away entirely with the black heart of the common grafted tree. The root used is about three inches long and makes a perfect fit, as the cambium layers come closely together.

PLANTING.—The grafts are set into the ground to the depth of from six to eight inches, leaving a number of buds above ground to begin an active growth. During the first year the scion will throw off roots from around the bottom and also along up the scion to within a couple of inches of the top of the ground. The Foster Mother root, while exceedingly valuable as a feeder to get the scion started, now becomes of secondary importance, as, should it prove to be tender and winter kill, it will not affect the health and vigor of the tree in the least. By the time the tree is ready for orchard planting it is firmly established on its own roots, and if the variety is one of known hardiness, then the roots are hardy, because they are necessarily the same.

Prices of Apple Trees

	Each.	Per 10.	Per 100.	Per 1000
1 year, 1 to 2 ft.	$0.10	$0.80	$ 6.00	$ 50.00
1 year, 2 to 2½ ft.	.15	1.25	11.00	100.00
2 year, 3 to 4 ft.	.20	1.50	12.00	110.00
2 and 3 year, 4 to 5 ft.	.25	2.00	15.00	135.00
2 and 3 year, 5 to 6 ft,	.35	3.25	30.00	250.00

Summer and Fall Varieties

Duchess of Oldenburg (ABC)—Large size, streaked and shaded red.
Yellow Transparent (ABC)—Medium size, flesh juicy, sub-acid.
Red Astrachan (BC)—Large, red, rich, juicy, acid.
Early Harvest (BC)—Medium size, straw color, tender, sub-acid.

Late Fall and Winter Varieties.

Walbridge (ABC)—Medium size; striped with red; handsome.
Winesap (BC)—Medium; dark red; sub-acid; excellent.
York Imperial. (BC)—Medium to large; yellow, shaded red.
Pewaukee (ABC)—A seedling from Duchess of Oldenburg.
Ben Davis (BC)—The well known market variety.
McIntosh Red (ABC)—Medium size, nearly covered with dark red; flesh white, fine, very tender, juicy and refreshing.
Special Northwestern Greening (ABC)—The king of apples for the north. Fruit large; round conical; color greenish-yellow; flesh white and tender; tree hardy, splendid grower. Season all winter.

This photo shows a block of Peach trees which we grow for our southern trade.

owa Blush (ABC)—This splendid variety is fast gaining friends as its merits become better known. Fruit medium size; fine tart flavor; and borne in great abundance. Tree extremely vigorous, A splendid commercial orchard variety.

Talman's Sweeting (BC)—Medium; pale yellow, slightly tinged with red; firm, rich and very sweet.

Jonathan (BC)—One of the best for table or market.

Grimes' Golden (BC)—A handsome, golden yellow apple; tree productive; one of the best for dessert.

Special Wealthy (ABC)—A very valuable variety that succeeds everywhere, especially when grown on its own hardy roots. Bears very young. Fruit large, smooth, overspread with red; fine juicy, vinous. Trees but four years in orchard have borne from a half to two bushels per tree. Colored plate on cover. Prices on page 13.

Fameuse. (BC)—Fruit medium. nearly deep red.

Mammoth Black Twig (BC)—Fruit large, dark red and handsome.

Patten's Greening (ABC)—Very large sized fruit of fair quality.

Gano (BC)—Deep red; very attractive; fine grained; mild; sub-acid.

Wolf River (ABC)—A new and beautiful fruit of the largest size.

Crab Apples

General Grant (ABC)—Red and yellow, good.

Hyslop (ABC)—Large; very dark, brilliant red.

Transcendent (ABC)—Early, large, red and yellow.

Martha (ABC)—Red and yellow, handsome, medium size.

Whitney No. 20 (ABC)—A very fine, small apple rather than a crab.

Peaches

OUR Peach trees are the finest that can be grown, and they will thrive and bear fruit where trees from the East and South will often fail.

Prices

	Each.	Per 10.	Per 100.
1 to 2 feet	$0.15	$1.00	$ 8.00
2 to 3 feet	.20	1.50	14.00
3 to 4 feet	.25	2.00	18.00

Bokhara No. 3 (BC)—The hardiest peach grown. Large size, fine quality, and immensely productive. See prices above.

Elberta (BC)—The great market Peach.

Champion (BC)—Very large, flesh white, freestone, red cheek.

Alexander (BC)—Medium size, red and white, only fair quality.

Crawford's Late (BC)—Large size; skin yellow, with red cheek.

Crosby (BC)—Medium size and beautiful color.

View along a driveway in nursery park, showing Oriental Poppies in foreground.

Pears

A FEW hardy Pear trees should be in every garden as far north as Northern Iowa. Our trees are the hardiest that can be grown and will be found to give satisfaction.

Prices

	Each.	Per 10.	Per 100.
1 year, 1 to 2 ft.	$0.15	$1.40	$12.00
1 year, 2 to 2 1-2 ft.	.25	2.25	20.00
2 year, 3 to 4 ft.	.30	2.50	23.00
2 year, 4 to 5 ft.	.40	3.50	30.00

Kieffer (BC)—fruit large; rich yellow, tinged with red.
Bartlett (C)—Large size fruit, with beautiful blush on sunny side.
Duchess (C) — Color greenish yellow, with dull red cheek.
Flemish Beauty (BC)—Large, greenish yellow, with red cheek.
Garbers (BC)—Resembles Kieffer, but it ripens earlier.
Vermont Beauty (BC)—This is one of the hardiest pears we grow. Fruit of medium size, yellow, covered with red. Succeeds well as a dwarf tree. See prices above.
Dwarf Pear Trees in Duchess and Vermont Beauty at 3 cents per tree higher than above prices.

Cherries

OUR stock of Cherries consists of the best of the old and newer varieties. **Where to Plant.** The Cherry thrives best on a sandy or gravelly soil, but will do very well in almost any situation except a wet one. It is one of the most ornamental of fruit trees, and very desirable for planting near the dwelling, where beauty and shade, as well as fruit, are wanted.

Prices

	Each	Per 10	Per 100
3 to 3 feet	$0.30	$2.50	$20.00
3 to 4 feet	.40	3.50	30.00
4 to 5 feet	.50	4.50	40.00

Early Richmond (ABC)—Too well known to need description.
Ostheime (ABC)—A very hardy cherry of Russian origin.
English Morello (BC)—Large fruit, dark red color.
Sappa (ABC)—A hardy cherry plum. Fruits heavily next year after planting. Fruit larger than Compass and much better quality. Will compete with the large sweet cherries on the markets. Color, dark purple, covered with purple bloom. Flesh and juice dark red throughout. Trees scarce as yet. 1 to 2 ft. Size, 50 cents each.

This is a view of sidewalk approaching offices. It passes through a part of our Trial Grounds of Everbearing Strawberries.

Montmorency (ABC) — Tree hardy and an immense bearer. Commences to fruit when young and is loaded annually thereafter. Fruit large, finely flavored, and of bright, shining red.
Compass (ABC)—A valuable fruit for the north. Color black and of size of small plum. Extra fine for canning and for pies.

Plums

OUR Plum trees usually bear a good crop the second year after planting, and we know of no other fruit that will give better returns for the money expended than do the new types of Native Plums. Our trees are all grown by the best propagating method, on hardy stocks which were raised from seed gathered from northern grown trees. One such tree is worth ten grown on tender stocks. Many Plum trees, in both nursery and orchard, were root-killed south of us last winter—we did not lose a tree. It will pay you to buy the best.

Prices: Except where noted.	Each	Per 10	Per 100
3 to 4 feet	$0.35	$3.00	$25.00
4 to 5 feet	.50	4.00	35.00

Wyant (ABC)—Fruit medium to large; purplish-red. Flesh rich yellow of best quality. One of the most productive.
De Soto (ABC)—Large to very large; purple red.
Miner (ABC)—Fruit large, roundish; color red. Season very late.
Forest Garden (ABC)—Fruit large, nearly round; deep red.
Abundance (BC) Rich, yellow, with splashes of red.
Willard (BC)—Fruit medium size, dark red; splashed with yellow.
Wickson (BC)—Large, purplish red, very good quality.
Burbank (BC)—Large, reddish yellow, beautiful, good flavor.
Satsuma (BC)—Large, dark purple, flesh liver color.
Lombard (BC)—Small, purple, good quality when fully ripe.
Golden Drop (BC)—Large, yellow, good flavor.
Bradshaw (BC)—Large, oval; brilliant, reddish purple.
Imperial Gage (BC)—(Green Gage). Medium size, round, green.

Special Varieties New Hardy Plums

Japan Hybrid No. 2 (ABC)—This splendid plum originated with Prof. J. L. Budd, at Ames, Iowa. Tree hardy, good grower, bears heavily and the fruit is perfect in quality and of fair size; thin skin and with no sour taste to skin or around the pit. Best flavored plum we have. Freestone. Price each, $1.00.

A partial view of our Offices and Packing Houses. We have every convenience and facility for handling your orders in a careful, up-to-date manner.

Japan Hybrid Seedlings (ABC)—These trees were grown from seed of original Japan Hybrid No. 2, crossed with some of the best native sorts. The fruit will take after the parent trees, but each tree will be an entirely new variety and no two trees will bear exactly the same fruit. All that we have fruited have been of great value. Trees 2 years old, 3 to 4 feet, 75 cents each.

Quinces

The Quince is well known and highly esteemed for cooking and Preserving. It thrives best in deep, rich soil, and is benefitted by clean, high cultivation.

Prices

	Each	Per 10
1 to 2 feet	$0.25	$2.00
2 to 3 feet	.35	3.00

Orange, (BC)—Large, roundish, bright yellow, good quality.

Russian Apricots (BC)—The hardiest type of Apricot. Bears heavily. 1 to 2 feet, each, $0.30; per 10, $2.00; per 100, $15.00.

ORNAMENTALS

Nut Trees

Good nuts are the most healthful of foods and every farm or garden should have a few nut trees or bushes. Plant heavily to good nut trees, for you can always dispose of your surplus at a large profit.

English Hazelnut (ABC)—The Filbert of commerce. Bush resembles the American Hazelnut but is not so rank a grower. Nuts large and of fine quality, usually selling at from 15 to 20 cents per pound. This nut can be successfully grown when planted along a fence line for hedge. Where so planted they take up no extra ground and all nuts produced are clear profit. Prices: 1 to 2 ft., 50 cents each; $4.00 per 10; $30.00 per 100. ¾ to 1 foot, size for hedge-row planting, 20 cents each; $1.50 per 10: $10.00 per 100.

Spanish Chestnut (BC)—A large, sweet eating Chestnut of good quality, and that pays well for market. If you have a rough hillside it is a good place for a few Chestnut trees, and in a few years they will bring you in a good profit. Price, 1 to 2 feet tall, 50 cents each; $4.00 per 10; $25.00 per 100.

Another view in our five-acre Flower Garden, showing blocks of Pæonies in bloom

Black Walnut (ABC)—Prices 1½ to 2 feet, 25 cents each; $2.00 per 10; $15.00 per 100.

Pecan (BC) — Year old trees,.....50 cents each; $4.00 per 10,

English Walnut (BC) — ..... 40 cents each; $3.50 per 10,

Sober Chestnut—The grafted trees of this variety commence bearing while still in the nursery rows. Will have fine large nuts of good flavor the next year after you set out the trees. Trees much hardier than the common chestnuts. Grafted trees, 2 to 3 feet, each, $1.50; per 10, 12.50: per 100, $100.00

Sober Chestnut Seedlings—These trees are from seed of grafted Sober trees. Will not be alike but will be far ahead of the common chestnuts. 2 to 3 ft. trees, each, $0.50; per 10, $4.00; per 100, $35.00.

Shade and Ornamental Trees

IN no other way can the home grounds be made so beautiful and attractive as by the judicious planting of ornamental trees, shrubs and plants; and a few trees and flowering shrubs will greatly add to the selling value of a place which may otherwise be undesirable. We aim to grow a complete line of the choicest and best ornamental stock, and have many different trees, shrubs, plants and vines not listed here. Write for prices on any stock not found herein.

Eup. Mt. Ash (ABC)—A favorite, erect growing tree of medium size, producing white flowers in the early spring, followed by clusters of bright scarlet berries which remain on the trees during the winter months. Each, 6 to 8 ft., 75 cts.; 5 to 6 ft., 50 cts.; 4 to 5 ft., 30 cts.; 3 to 4 ft., 20 cts.

Horse Chestnut (ABC) — A beautiful tree, forming a compact, round head, with dark green foliage and an abundance of showy flowers early in the spring, and ripening large clusters of nuts early in the fall. Very hardy. Each, 3 to 4 feet, 50 cents; 2 to 3 feet, 25 cents; 1 to 2 feet, 20 cents.

Carolina Poplar (ABC)—6 to 8 ft., 50 cts.; 4 to 6 ft., 30 cts.; 3 to 4 ft., 15 cts.; 2 to 3 ft., 10 cts.

Cut Leaved Weeping Birch (ABC)—Each, 5 to 6 ft, ... $1.00

Russian Olive (ABC)—2-3 ft. 40c, 1 to 2 ft. ..... .25

Forest Tree Seedlings

	Per 100	Per 1000
White Ash (ABC)—1 yr., 6 to 10 in.....	.75	4.50
White Ash (ABC)—10 to 18 in.....	1.00	7.00
White Elm (ABC)—6 to 10 in.	.50	4.00

A block of Norway and Carolina Poplars, often called the "sudden saw log" variety.

White Elm (ABC)— 2 yr., 10 to 18 inch	$1.00	$8.00
Cottonwood (ABC)—1 yr.	.50	4.00
Cottonwood (ABC)—2 yr.	1.00	6.00
Mulberry (BC)—1 yr., 6 to 10 inch	.75	5.00
Catalpa Speciosa (BC)—1 yr., 8 to 12 inch	.75	5.00
Catalpa Speciosa (BC)—2 yr., 12 to 24 inch	2.00	12.00
Box Elder (ABC)—1 yr., 6 to 10 inch	.50	4.00
Box Elder (ABC)—2 yr., 10 to 18 inch	1.00	8.00
Black Locust (BC)—1 to 2 ft.	1.00	6.00
Honey Locust (BC)—1 yr.	1.00	6.00
Willow Cuttings (ABC)	.75	4.00

EVERGREENS

(All ABC)

WE only grow Evergreens of the hardiest varieties, but we grow those in large quantities. We grow all of our trees from seed, here in our nurseries. Nursery grown trees are worth from 50 to 500 per cent more than wild trees, which are often worse than worthless. After 40 years' experience in growing and shipping Evergreens, we feel that we are in a position to fill your wants as well or a little better than any other nursery. No matter how far you live from us; we pack so that stock will reach you in good growing condition.

Pine.—Austrian. A robust, hardy, rapid growing pine, very valuable for this country.

Pine.—Scotch. Also hardy and valuable with silver green foliage.

Pine.—White. A native evergreen of our native woods. Long Soft needles and beautiful dark green bark. Fast grower and very desirable for general planting.

Prices for Austrian, Scotch and White Pine.

	Each	Per 10	Per 100
Transplanted, 1 to 1½ feet	$0.25	$2.00	$8.00
" 2 to 3 feet	.35	3.00	12.00
" 3 to 4 feet	.50	4.00	15.00

Spruce.—Norway. One of the handsomest evergreens, beautiful for lawn or may be used for hedge. Perfectly hardy.

	Each	Per 10	Per 100
1 to 1½ feet, transplanted	$0.15	$1.20	$ 8.00
1½ to 2 feet, transplanted	.25	2.00	12.00

A small part of our Five Acre Flower Garden where we grow all sorts of Hardy Flowers

Spruce—Colorado Blue. 1 foot, each, 50 cents; per 10, $4.00; per 100, 30.00.

Arbor-Vitæ—American. One of the finest evergreens for Hedge or single specimens, very hardy and can be sheared into any shape.

	Each	Per 10	Per 100
1 to 1½ feet, transplanted	$0.20	$1.50	$12.00
3 to 4 feet, transplanted	.40	4,00	30.00

FLOWERS AND SHRUBS

Hardy Flowering Shrubs

NO one need be without flowers on the home grounds, as by planting a few of the following beautiful flowering shrubs, flowers may be had all through the summer with but little care after planting. Prices; Strong bushes, 40c each; $3.00 per 10.

Berberry (ABC)—Yellow flowers succeeded by red berries.

Lonicera (ABC)—(Honeysuckle). Color pink; a climbing variety of rare beauty. Worthy of a place in every collection.

Hydrangea Paniculata Grandiflora (ABC)—A most beautiful shrub. Begins to bloom early in August and continues for several weeks. Also grown in tree form at 75 cents per tree.

Lilac (ABC)—The well-known shrub. Have the white and purple.

Snowball (ABC)—Large clusters of white flowers in June.

High Bush Cranberry (ABC)—Bears red berries, which are fine for pies and jelly.

Spirea Van Houtte (Bridal Wreath) (ABC)—This beautiful flowering shrub deserves a place in every garden and lawn. Blooming most abundantly at Decoration Day it is of extra value. Strong bushes 40 cents each; $3.00 per 10; $25.00 per hundred.

Syringa (ABC)—Handsome foliage and beautiful white flowers.

Althea (BC)—(Rose of Sharon.)

Fringe (ABC)—Purple or Smoke Tree.

Climbing or Trailing Shrubs

Each, 40 cents. (All ABC) $3.00 per 10.

Clematis

WE give much attention to this magnificent family of climbers. Nothing is more showy than vigorous plants of these climbers, which are adapted to any situation. They need rich soil, and are benefited by heavy mulching in summer and fall.

A field of Hardy Lemon Lilies growing in our nursery park.

Henryi — White, flowers large and showy.
Jackmanni — Flowers large and of intense violet purple.
Paniculata — Medium size, pure white, borne in immense sheets.
Virginiana — This variety is very valuable for covering screens.

Other Climbing Shrubs

Wistaria — Very popular as a climber.
Ampelopsis Quinquefolia — A vigorous and hardy climber.

Summer and Fall Flowering Bulbs and Plants

(All (ABC) Each, 30 cents. $2.50 per 10.

Pæonies — We have been developing this beautiful flower for years and have some extra fine varieties. In ordering state color preferred. We can supply pure white, rose, pink and dark red.
Dahlias — Red, silver, pink, yellow, and other shades.
Bleeding Heart — Brilliant, rosy, heart-shaped flowers.
Perennial Phlox — The flowers are immense masses of bloom from the purest white to crimson. They grow to the height of two feet and are perfectly hardy. We can supply white, pink and red.
Golden Glow Flower — Is new, perfectly hardy, grows from four to six feet in a season, and blooms from July to September. The flowers are double, of a deep golden yellow and borne on long stems. Make a very effective bed and are desirable as cut flowers.
Lilium Auratum — The beautiful gold-banded lily of Japan.
Lilium Excelsum — Lemon Lily. Very fine, with showy lemon-colored flowers.
Lily of the Valley — Pure white. Each, 5 cents.
Gladiolus — Beautiful flowers, produced on long spikes. Each, 10 cents; per 10, 60 cents; per 100, $5.00.
Tulips. Red, Blue, White, etc. Each, 5 cts.; 30 cts. per 10.
Crocus. Assorted colors, 25 cts. per 10; $1.00 per 100.
Hyacinths. All colors. Each 15 cts.; $1.25 per 10; $10.00 per 100.
Narcissus. Each 10 cts.; 75 cts. per 10; $5.00 per 100.

Perennial Sweet Peas

Roses (All ABC)

THESE varieties are adapted for covering walls, trellises, etc., etc. Their rapid growth, perfect hardiness, luxuriant foliage, immense clusters of beautiful flowers, commend them to every one. Our roses should not be confounded with the small pot-grown plants sent out from greenhouses. Ours are all field-grown, and are strong bushes that will bloom at once.

PRICES, except as noted: Each, 30 cents; Per 10, $2.50.

Our Mr. Charles F. Gardner, among the White Birches. The grounds where our nursery park is located was bare prairie sod when our nurseries were established away back in 1869.

Climbers

Prairie Queen. Beautiful pink, fading to nearly white.
Baltimore Belle. Pure white.
Crimson Rambler. We find this rose all that has been claimed for it. Flower Crimson. Very desirable.

Hybrid Perpetual Varieties

General Jacqueminot. Bright shining crimson.
Ulrich Brunner. Flowers large and full. Cherry color.
Marshall P. Wilder. Color, bright cherry carmine; very fragrant.
Madame Plantier. Pure white.
Coquette des Alps. Color pure white sometimes tinged with pink.
Baby Rambler. The greatest bedding and forcing rose in existence. It blooms every day of the year in the house and out of doors from May until it freezes in the fall. It is perfectly hardy, and remarkably vigorous and free from all insects and fungus troubles. It grows to the height of about 24 inches. Price 50 cts. each or $5.00 per dozen.
Mrs. John Laing — Color, a soft, delicate pink.
Rosa Rugosa. A very hardy rose.
La France. Delicate silvery rose, very large and full.
La Reine. Brilliant glossy rose; very large.

Tree Roses

Our tree roses are grafted on strong hardy stems at about four feet from the ground. They form fine little trees and make, when in bloom, a thing of beauty indeed. We have them in white, red, pink, yellow and rose colors. Each, $1.50.

Hedge Plants

A well kept hedge lasts for a lifetime and is a constant source of satisfaction to its owner.

For quick effect plant one foot apart.

	Per 100
Amour Berberry (ABC) — 8 to 12 inch . . .	$6.00
Japanese Berberry (ABC) — 8 to 12 inch . . .	8.00
Purple Berberry (BC) — 8 to 12 inch . . .	8.00
California Privet (BC) — 1 to 2 feet . . .	8.00

A Berberry Hedge along driveway in nursery park.

German Iris

This beautiful family of flowers is coming rapidly into favor. We can supply named varieties in following colors: red, white, blue.

Prices: Each, 30 cents; per 10, $2.50.

Orris Plant—This belongs to the Iris family. The dried root is the Orris Root of commerce and is the base of about all perfume powders. Roots easily grown and market demand steady.

Prices: Strong roots, each, 40c; per 10, $3.00; per 100, $25.00.

In Closing

I hope that you have enjoyed looking through this little catalogue. Its pages are a written record of our 44 years experience in growing Hardy "Blizzard Belt" Trees and Plants. If you are an old customer of ours, and we have some of them who have been buying from us for over 40 years, I extend to you our hearty thanks for your help and co-operation. If you have never before ordered from us, right now is a good time to begin. I promise you that any order you may intrust to us will be carefully and intelligently filled and so packed that it will reach yon in the best of growing condition. Faithfully yours, C. E. GARDNER, Manager.

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1000^{00} EVERBEARING STRAWBERRIES. NEW RUNNERS ALL FRUITING IN OCTO

PICKING EVERBEARING STRAWBERRIES IN AUGUST FROM PLANTS SET IN MAY, SAME YEAR.

BEDS OF ASPARAGUS AND FOREST TREES